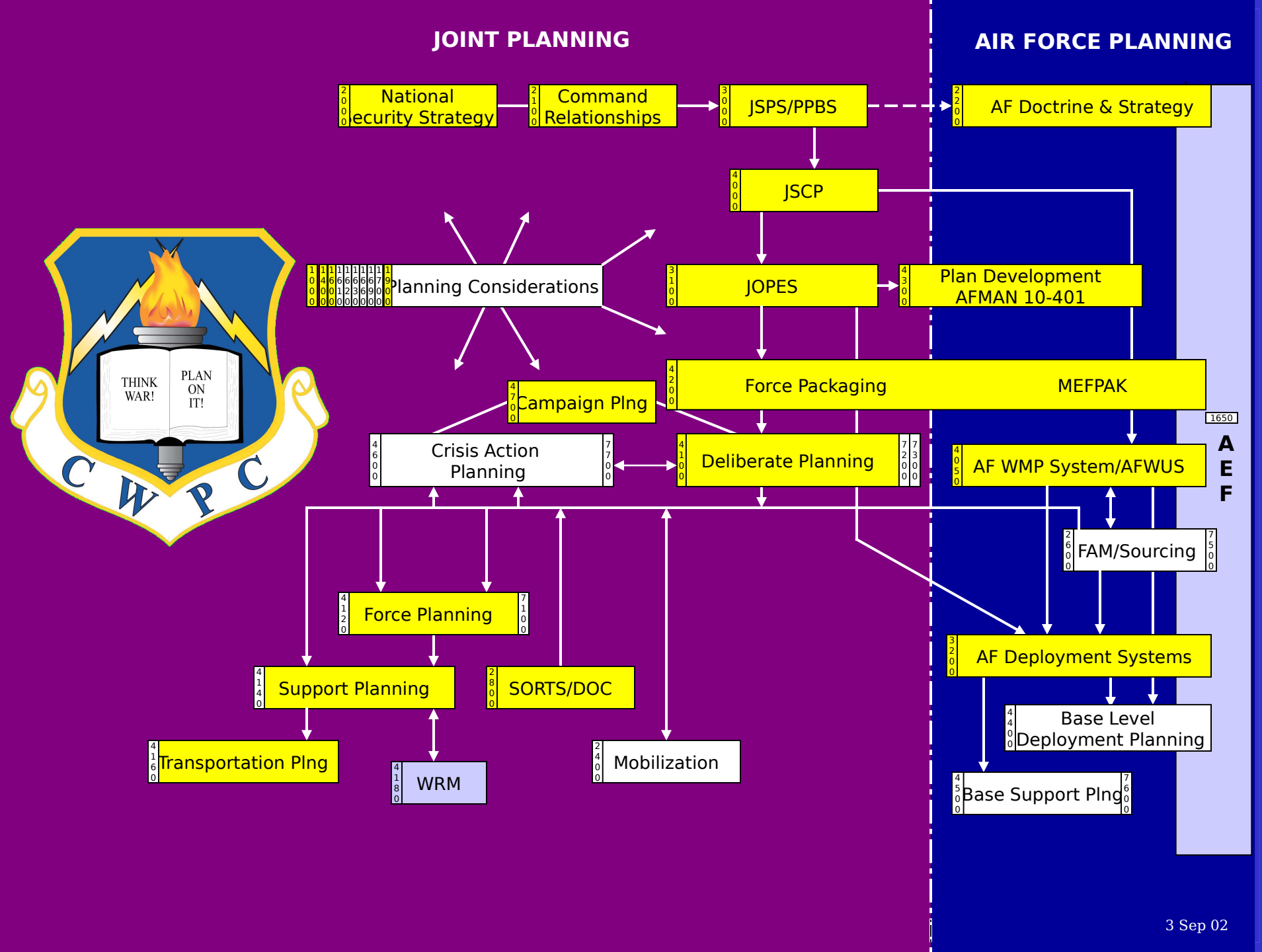
War Reserve Materiel IP-4180


JOINT PLANNING
AIR FORCE PLANNING
2000 National Security Strategy
2100 Command Relationships
3000 JSPS/PPBS
2200 AF Doctrine & Strategy
4000 JSCP
1000 Planning Considerations
3100 JOPES
4300 Plan Development AFMAN 10-401
4200 Force Packaging
MEFPAK
4700 Campaign Plng
1650
AEF
4600 Crisis Action Planning
7700
4100 Deliberate Planning
7200
7300
4050 AF WMP System/AFWUS
2600 FAM/Sourcing
7500
4120 Force Planning
7100
3200 AF Deployment Systems
4140 Support Planning
2800 SORTS/DOC
4400 Base Level Deployment Planning
4160 Transportation Plng
4180 WRM
2400 Mobilization
4500 Base Support Plng
7600
THINK WAR!
PLAN ON IT!
C W P C
3 Sep 02

Supply Buildup

UNIT - RELATED

NON - UNIT- RELATED

T U C H A

ADDITIONAL ACCOMPANYING SUPPLIES LEVEL SPECIFIED BY COMBATANT COMMANDER

WRM\PWRS PRE - POSITIONED WAR RESERVES

FILL GAP UNTIL PIPELINE OPENS (Safety Stock levels for specific classes of supply as detailed in WMP-1, Annex E)

SUSTAINING SUPPLIES

REQUIRED IF WRM\PWRS WILL NOT LAST UNTIL PIPELINE OPENS

RESUPPLY

CONTINUOUS SUPPLY

LAD **5** **10** **30** **60**

ACCOMPANY UNIT MOVE

IN - THEATER MOVE AIR OR SEA

STRATEGIC AIR MOVE

STRATEGIC SEA MOVE

LIFT

TIME

Overview

- WRM Guidance
- Definitions
- Planning Responsibilities
- WRM Source Documents
- WRM Authorization
- Categories of WRM
- Use of WRM
- Storage & Marking

WRM Guidance

- **DPG**
- **DODD 3110.6, *War Reserve Materiel Policy***
- **WMP I, Annex E**
- **AFPD 25-1, *War Reserve Materiel***
- **AFI 25-101, *War Reserve Materiel (WRM) Program Guidance and Procedures***

Figure 3.4: Air Force Truck With Exploded Tire, in Storage at Thumrait, Oman

Source: GAO.

Figure 3.5: High-Mobility, Multipurpose Wheeled Vehicles Returned From Bright Star Exercise to Thumrait, Oman

Source: Airwork Vinnell.

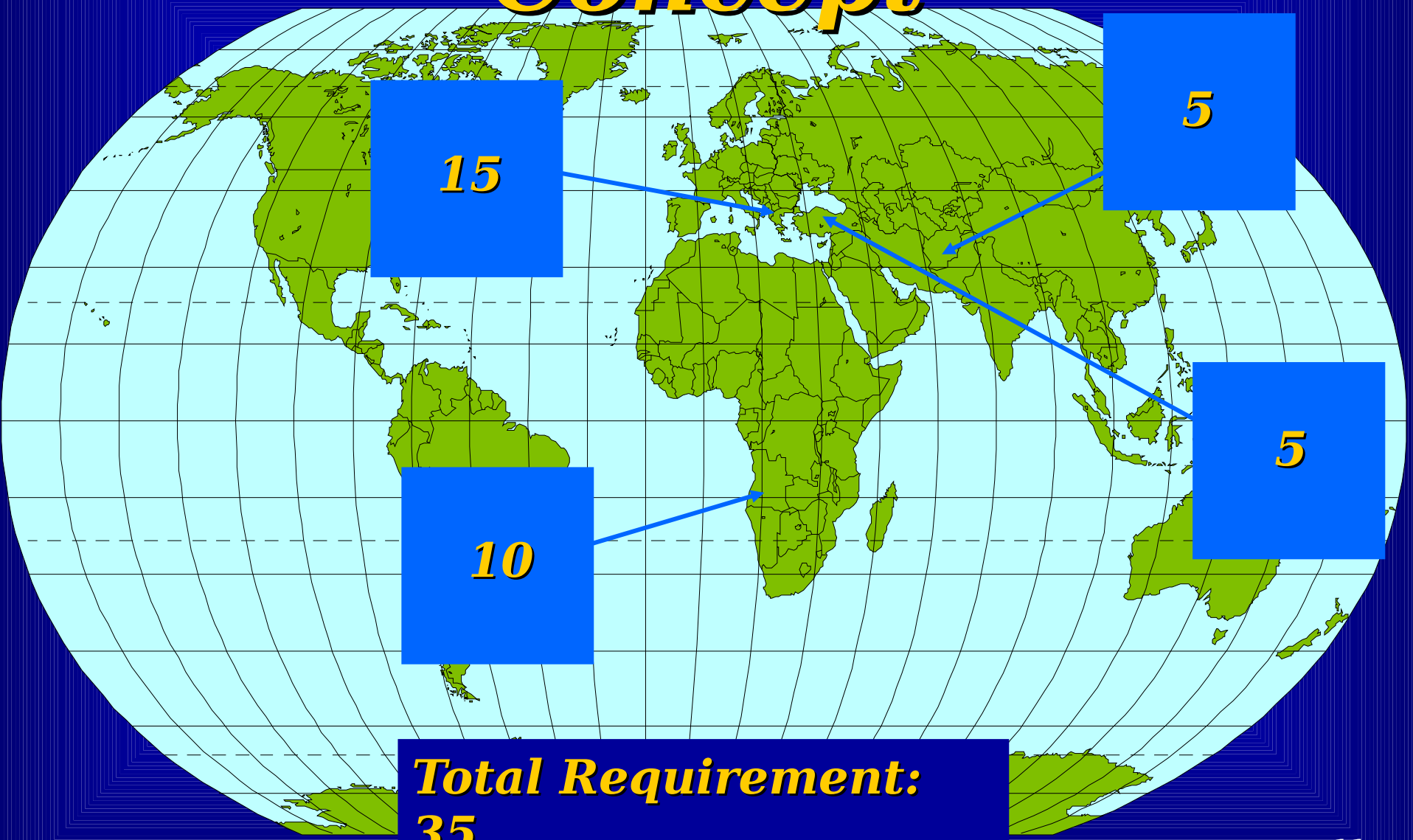
NT USE

PACAF
KWJAB

Definitions

- **War Reserve Materiel**. Mission-essential materiel required in addition to primary operating stocks and deployment equipment necessary to attain objectives in the scenarios approved for sustainability planning in the Defense Planning Guidance (DPG).
- **Primary Operating Stocks**. Logistic resources on hand or on order necessary to support day-to-day operational requirements, and which, in part, can also be used to offset sustaining combat requirements.
- **Starter Stocks**. WRM stocks pre-positioned in or near a theater of operations to last until resupply at wartime rates is established.
- **Swing Stocks**. WRM stocks positioned ashore or afloat for meeting war reserve requirements of more than one contingency in more than one theater of operations.

Starter/Swing Concept



Total Requirement: 35

Supply Buildup

UNIT - RELATED

NON - UNIT- RELATED

T U C H A

ADDITIONAL ACCOMPANYING SUPPLIES LEVEL SPECIFIED BY COMBATANT COMMANDER

WRM\PWRS PRE - POSITIONED WAR RESERVES

FILL GAP UNTIL PIPELINE OPENS (Safety Stock levels for specific classes of supply as detailed in WMP-1, Annex E)

SUSTAINING SUPPLIES

REQUIRED IF WRM\PWRS WILL NOT LAST UNTIL PIPELINE OPENS

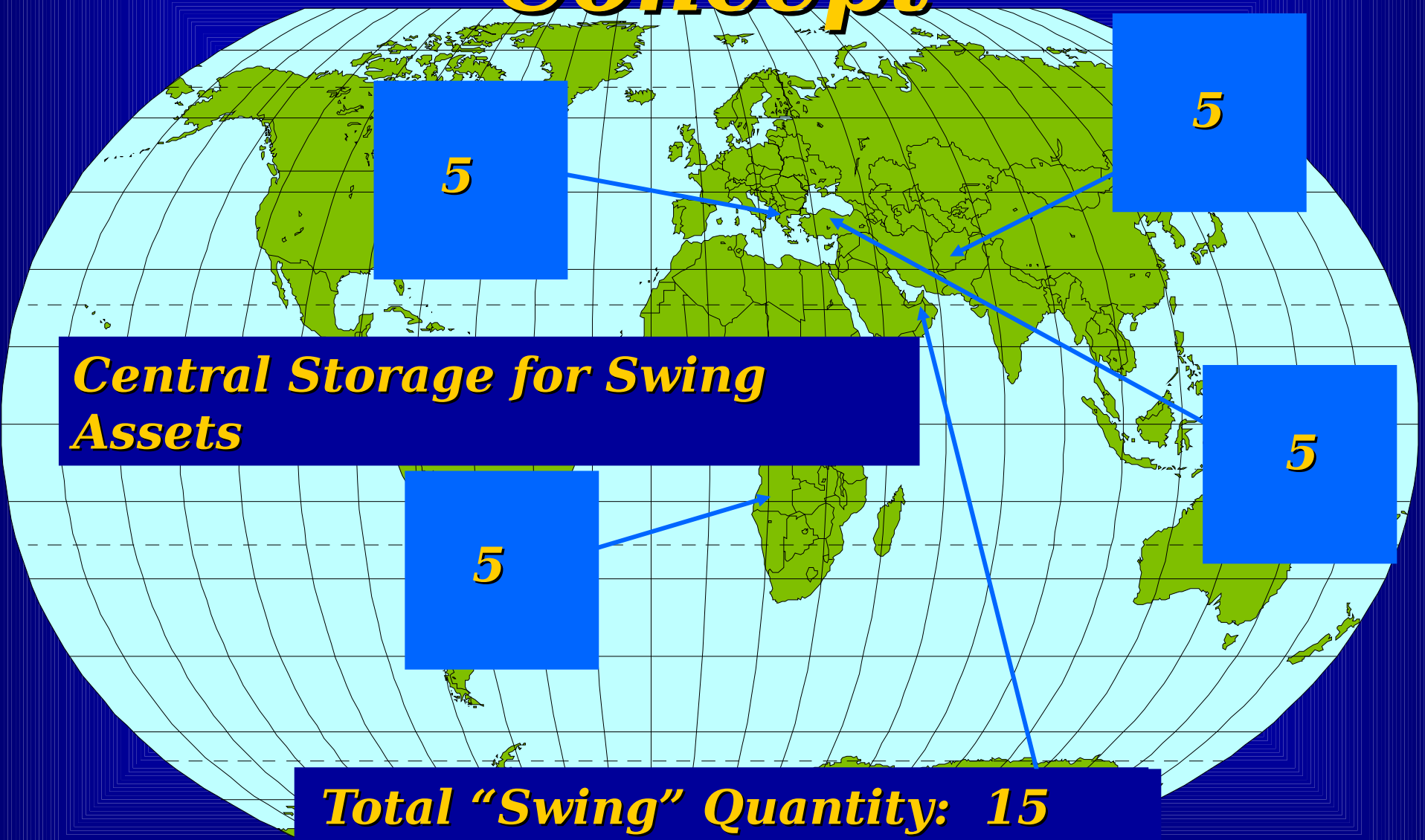
RESUPPLY

CONTINUOUS SUPPLY

LAD 5 10 30 60

STARTER PERIOD

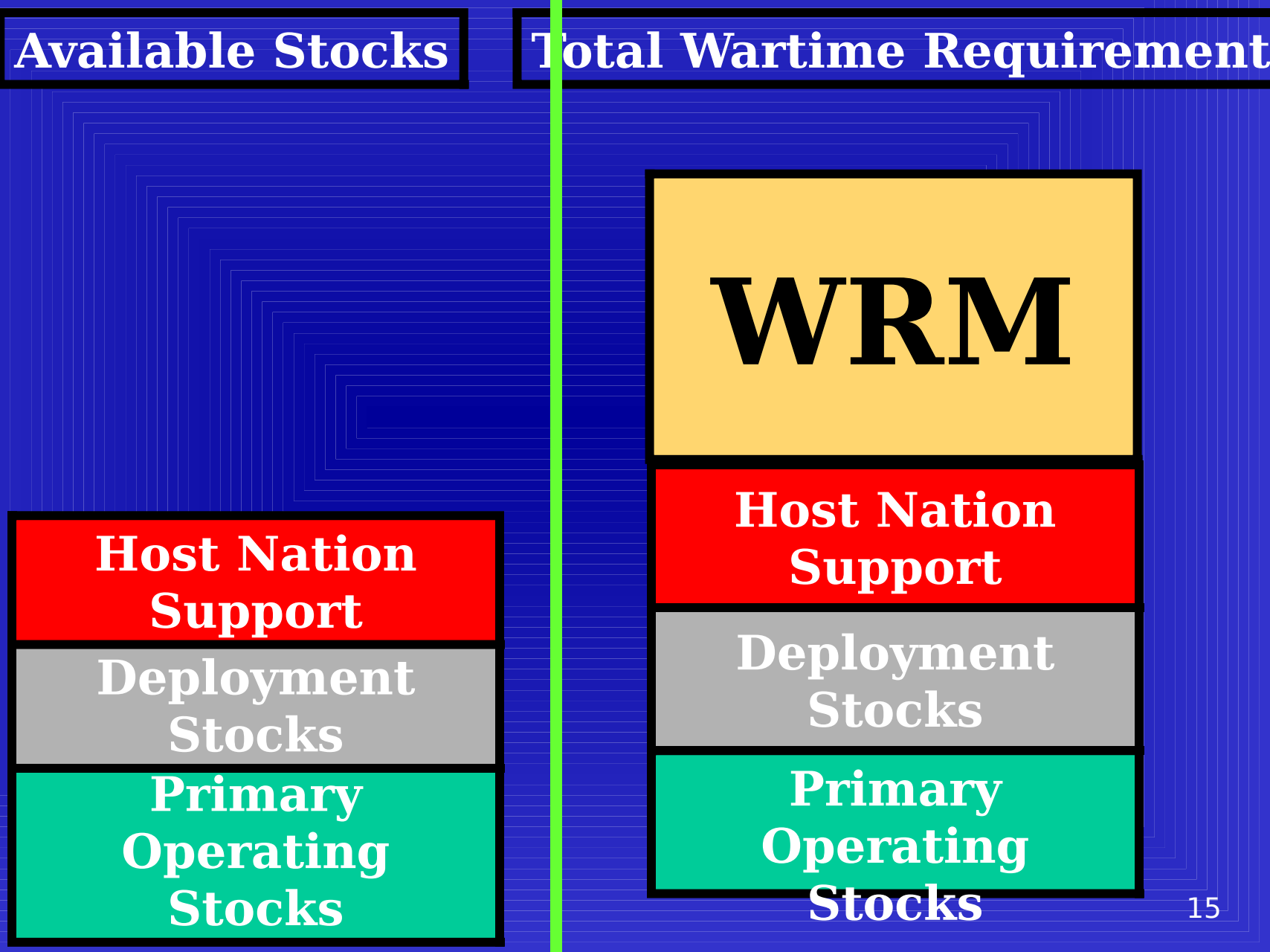
Starter/Swing Concept



Basis for WRM

WRM is based on wartime additive requirements sufficient to accomplish the strategies depicted in the Defense Planning Guidance (DPG) and is not intended to duplicate peacetime or deployment assets.

Source: AFI 25-101


Available Stocks
Total Wartime Requirement
Host Nation Support
Deployment Stocks
Primary Operating Stocks
WRM
Host Nation Support
Deployment Stocks
Primary Operating Stocks

ASSISTANCE SOUGHT FROM HOST NATIONS

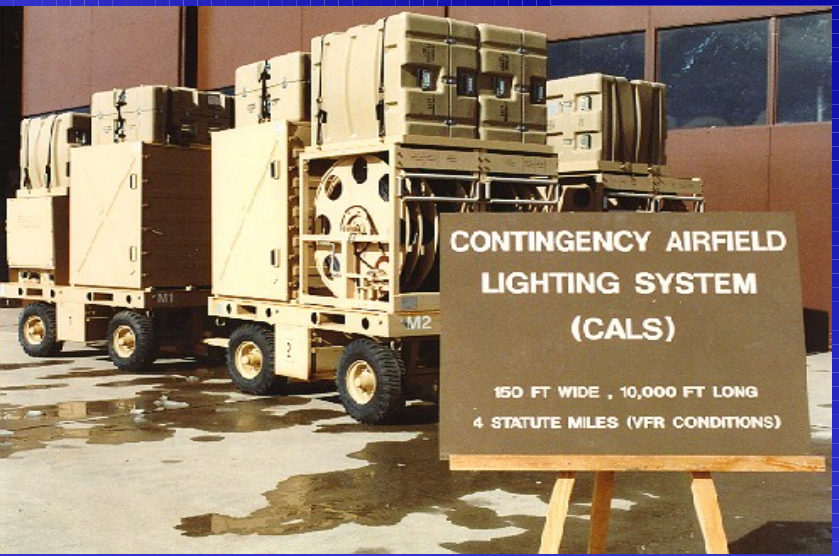
Can include, but is not limited to:

- Transportation
- Civilian Labor
- Services
- Rear Area Protection
- Contracting
- Oils
- Acquisition of Equipment
- Airlift
- Use of Facilities
- Port Services
- Clothing
- Base Operations Support
- Calibration Services
- Telecommunications
- Supplies
- Health Services Support
- Facilities
- Petroleum
- Lubricants
- Food
- Communications
- Storage Services
- Billeting
- Medical Services
- Maintenance Services
- Construction Equipment

Categories of WRM

Equipment

Consumables



WRM Equipment

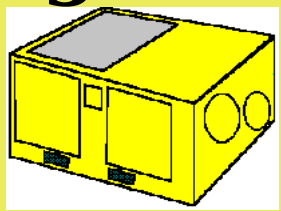
- Clothing and Field Equipment Packages
- Individual Weapons and Ammo
- 463L Equipment
- Vehicles
- Aerospace Ground Equipment (AGE)
- Basic Expeditionary Airfield Requirements (BEAR) Base Systems

Harvest Falcon

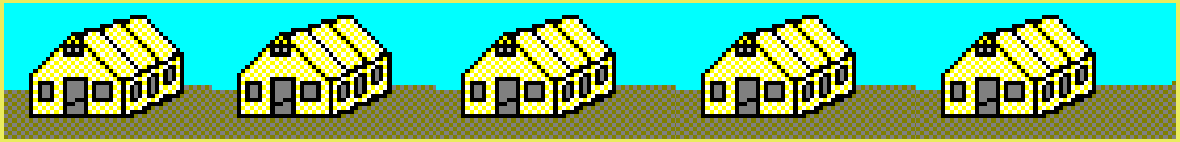
Housekeeping Set

High Voltage

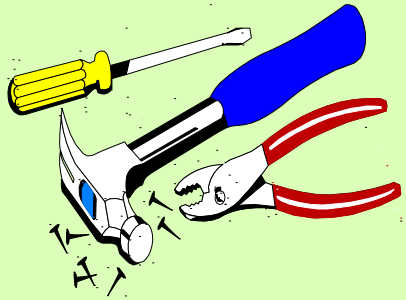
* Billeting (1100)
* Dining
* Showers/Latrines



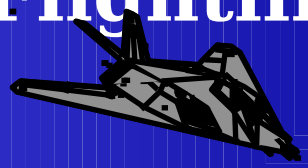
Heating/Coo

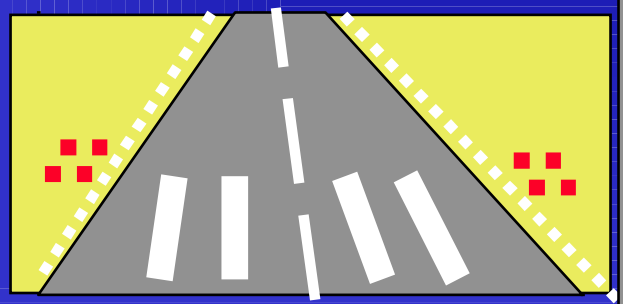


Industrial Operation Se

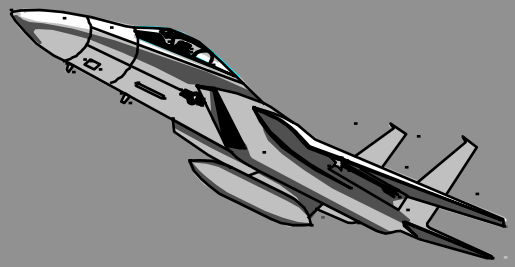


Flightline Ini

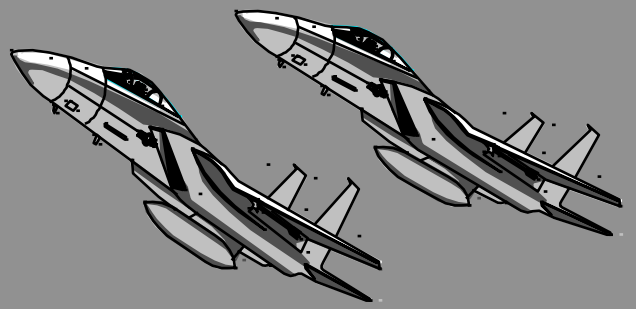




Flightline Follow-on Set 1

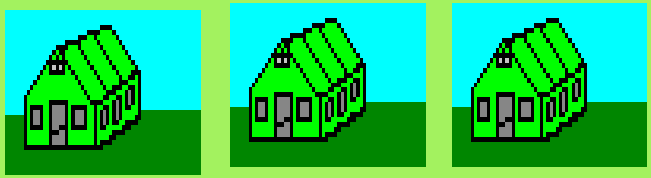


Flightline Follow-on Set

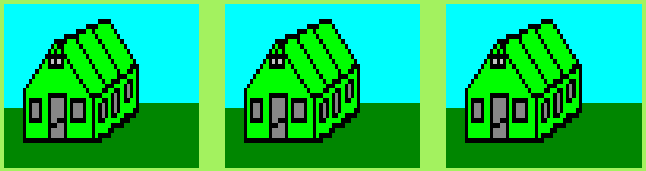


Harvest Eagle

Housekeeping Set

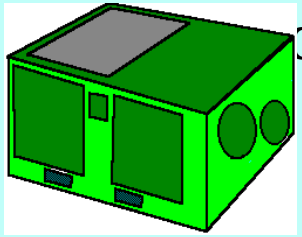


* Billeting (550)
* Dining
* Showers/Latrines



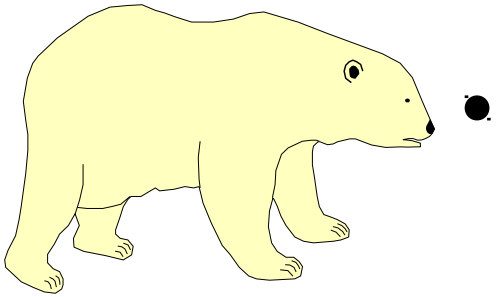
Utilities Set

Heating & Cooling



High Voltage

Cold Weather Set



* Space Heaters
* Below 30 degrees F

WRM Consumables

- Expendable items used for direct support of a weapon system or combat support activity
- Quantities based on expenditure factors in WMP Vols. 4 & 5

Consumable Examples

- Standard Air Munitions Package/Standard Tanks, Racks, Adapters, & Pylons Package (STAMP/STRAPP)
- Tanks, Racks, Adapters and Pylons (TRAP)
- Petroleum, Oil, and Lubricants (POL)
- Aircraft Guns and Gun Barrels
- Chaff/Flares
- MREs/Rations

Items Not Authorized

- Comfort and morale items
- Items readily available commercially
- Subsistence items other than operational rations
- Items with a limited shelf life unless offset by rotational procedures
- Items out of date, such as surplus parts from obsolete weapon systems

Planning Responsibilities

- Air Components
  - Plan for WRM Support for Forces (BOS)
- Storing Commands
  - MAJCOM with Host Authority over facilities
  - Report Serviceability & Availability
  - Budgets & Coordinates with Using Commands
- Using Commands
  - Provides Storing Command with requirements
  - Identifies locations for redistribution
  - Reports Excess WRM

Planning Responsibilities

- Installation Commander
  - Ensures base WRM program is consistent with wartime missions
  - Ensures necessary manpower, facilities & funds are identified and programmed
  - Appoints WRM Program Manager
- WRM Program Manager (WRMPM)
  - Installation/MAJCOM/USAF
  - Coordinates policy changes, makes budget submissions
- WRMO/NCO
  - Focal point for all WRM matters
  - Provides guidance to WRM Managers

Planning Responsibilities

- WRM Managers (WRMM)
  - Appointed by each organization storing or maintaining WRM
  - Ensure that WRM is stored and maintained IAW all applicable AFIs, Technical Orders, and applicable guidance.

Source Documents

- WMP Volume 1, Annex E
  - Procedures for WRM authorization
  - Number of days of supply authorized by location
- WMP Volume 4, Wartime Aircraft Activity
  - Documented aircraft activity in support of current plans
  - Source for WPARR, WCDO, & IMP
- TPFDD/L
  - Listing of combat and support forces programmed to deploy
  - Source for WPARR, IMP, AFSVA Letter

WRM Authorization

- War Plans Additive Requirements Report (WPARR)
  - Part I: MAJCOM to MAJCOM
  - Part II: Storing MAJCOM to Host Base
- War Consumable Distribution Objective (WCDO)
  - MAJCOMs produce for munitions, non-munitions consumable items
- Vehicle Authorization Listing (VAL)
  - Validates vehicle requirements generated by WPARR and Base Support Plan Process
- Inventory Management Plan (IMP)
  - Bulk Fuel Inventories
  - Preposition requirements for WRM

Mission Requirements:

- **TPFDD**
- **WAA**

Available Stocks:

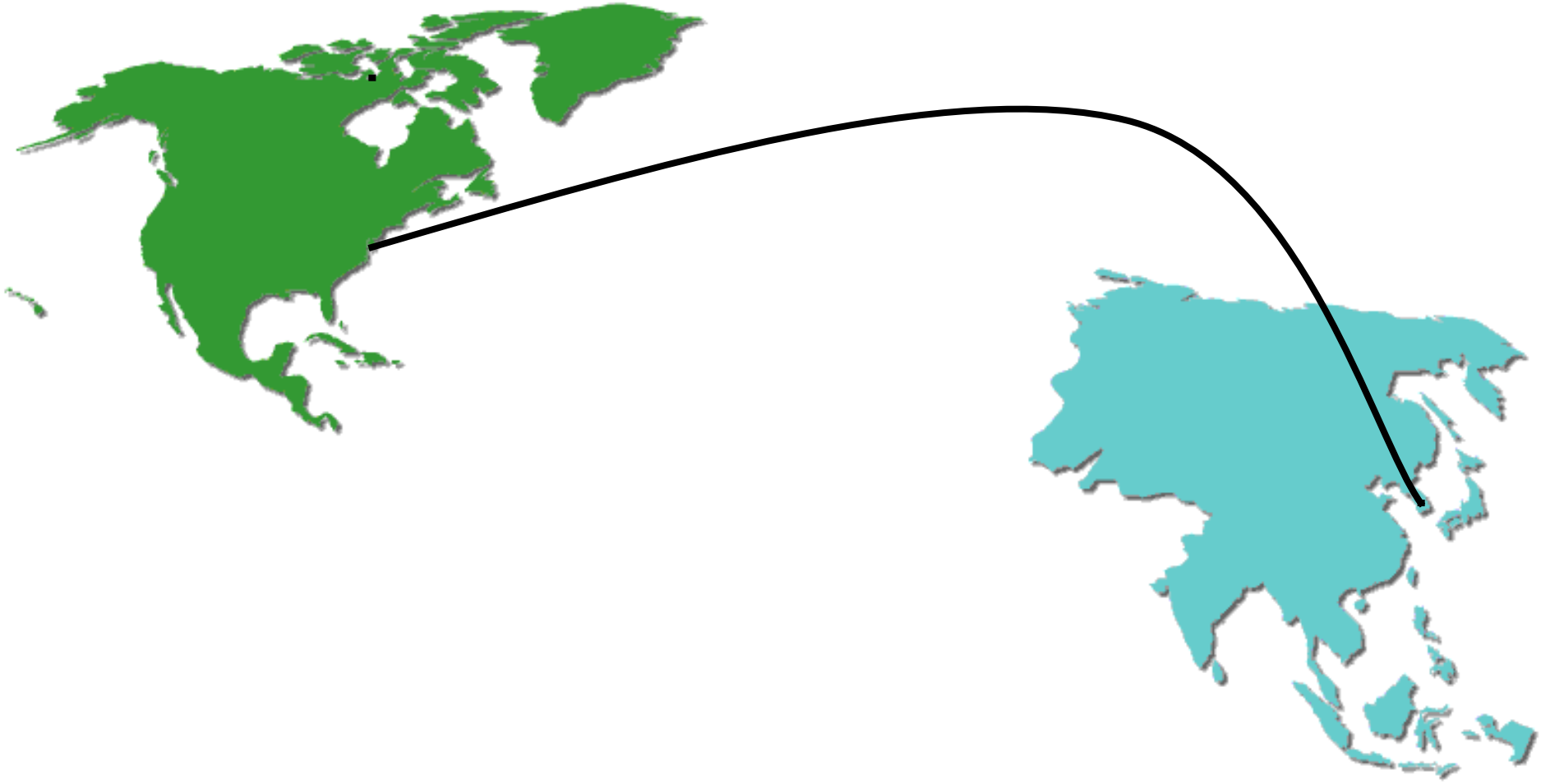
- **BSP/ESP**
- **Supply Records**
- **Support Agreements**

Total Wartime Requirement

Aircraft/Combat Support

BOS

Consumables



Aircraft/Combat Support

WPARR Part 1

1st FW → **ACC** → **PACAF**

Mission | Total Wartime

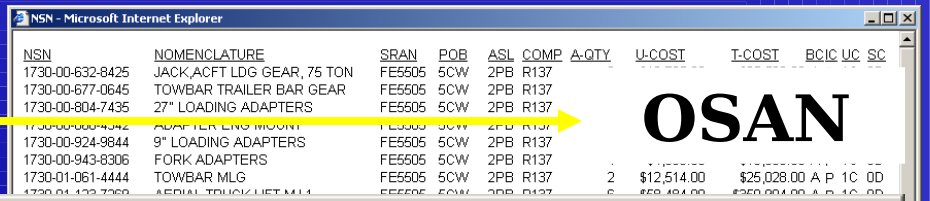
NSN - Microsoft Internet Explorer

NSN	NOMENCLATURE	SRAN	POB	ASL	COMP	A-QTY	U-COST	T-COST	BCIC	UC	SC
1730-00-632-8425	JACK,ACFT LDG GEAR, 75 TON	FE5505	5CW	2PB	R137	2	$12,765.00	$25,530.00	A P	1C	0D
1730-00-677-0645	TOWBAR TRAILER BAR GEAR	FE5505	5CW	2PB	R137	4	$618.00	$2,472.00	A P	1C	0D
1730-00-804-7435	27" LOADING ADAPTERS	FE5505	5CW	2PB	R137	4	$453.00	$1,812.00	A P	1C	0D
1730-00-860-4342	ADAPTER ENG MOUNT	FE5505	5CW	2PB	R137	1	$13,657.00	$13,657.00	A P	1C	0D
1730-00-924-9844	9" LOADING ADAPTERS	FE5505	5CW	2PB	R137	4	$1,352.00	$5,408.00	A P	1C	0D
1730-00-943-8306	FORK ADAPTERS	FE5505	5CW	2PB	R137	4	$4,500.00	$18,000.00	A P	1C	0D
1730-01-061-4444	TOWBAR MLG	FE5505	5CW	2PB	R137	2	$12,514.00	$25,028.00	A P	1C	0D
1730-01-123-7269	AERIAL TRUCK LIFT MJ-1	FE5505	5CW	2PB	R137	6	$58,484.00	$350,904.00	A P	1C	0D
1730-01-123-7270	AERIAL TRUCK LIFT, MHU-83C/E	FE5505	5CW	2PB	R137	4	$53,738.00	$214,952.00	A P	1C	0D
1730-01-160-6360	SHORT FORKS	FE5505	5CW	2PB	R137	4	$5,065.00	$20,260.00	A P	1C	0D
1730-01-249-8870	DRAG CHUTE STAND	FE5505	5CW	2PB	R137	1	$25,339.00	$25,339.00	A P	1C	0D
1730-01-484-5554	ROTARY LAUNCHER ADAPTER	FE5505	5CW	2PB	R137	7	$10,000.00	$70,000.00	A P	1C	0D
1730-01-460-3569	ADAPTER GROUND HANDLING	FE5505	5CW	2PB	R137	5	$85.00	$425.00	A P	1C	0D
1730LD192899014	CSRL YOKE ADAPTER	FE5505	5CW	2PB	R137	4			A P	1C	0D
1740-00-445-7206	COWLING TRAILER	FE5505	5CW	2PB	R137	2	$10,589.00	$21,178.00	M P	1C	0D
1740-00-580-0494	TRAILER ACFT ENG TRANS MODEL	FE5505	5CW	2PB	R137	1	$10,815.00	$10,815.00	A P	1C	0D
2330-01-300-4482YR	FUEL BOWER 600 GAL	FE5505	5CW	2PB	R137	2	$5,000.00	$10,000.00	A P	1C	0D

BOS

WPARR Part 2

PACAF


NSN - Microsoft Internet Explorer
NSN NOMENCLATURE SRAN POB ASL COMP A-QTY U-COST T-COST BCIC UC SC
1730-00-632-8425 JACK,ACFT LDG GEAR, 75 TON FE5505 5CW 2PB R137
1730-00-677-0645 TOWBAR TRAILER BAR GEAR FE5505 5CW 2PB R137
1730-00-804-7435 27" LOADING ADAPTERS FE5505 5CW 2PB R137
1730-00-924-9844 9" LOADING ADAPTERS FE5505 5CW 2PB R137
1730-00-943-8306 FORK ADAPTERS FE5505 5CW 2PB R137
1730-01-061-4444 TOWBAR MLG FE5505 5CW 2PB R137 2 $12,514.00 $25,028.00 A P 1C 0D

OSAN

WAR PLANS ADDITIVE REQUIREMENTS REPORT - Microsoft Internet Explorer

WAR PLANS ADDITIVE REQUIREMENTS REPORT

NOUN	DODAAC	POB	ASL	ASC/ COMP	QTY AUTH	UNIT COST	TOTAL COST	BC	IC	UC	SC	I D	DATE TRANS
MAINT STAND B5	FE4897			355P146	2	4058	8116	A	P	1L	1C	C	97318
MAINT STAND B1	FE4897			752P146	1	3244	3244	A	P	1L	1C	C	97318
BOBTAIL	FE4897	4AT	7GP	T146	1	16727	16727	V	P	1L	1C	D	97042
10K STD	FE4897	2AA	1RC	V033	1	245740	245740	V	P	1L	1C	D	97042
10K STD	FE4897			V033	4	52097	208388	V	P	1L	1C	D	97042
10K STD	FE4897			V033	4	52097	208388	V	P	1L	1C	D	97042
25K LOADER	FE4897			V033	2	123191	246382	V	P	1L	1C	D	97042
COCHRAN LOADER	FE4897			V033	1	89346	89346	V	P	1L	1C	D	97042
EXT HALON 50GAL	FE4897			490P146	4	715	2860	A	P	1L	1C	C	97318
COMPRESSOR	FE4897			P146	1	11377	11377	A	P	1L	1C	D	97318
HEATER DUC	FE4897			355P146	2	4296	8592	A	P	1L	1C	C	97318
GENERATOR	FE4897			P146	1	14640	14640	A	P	1L	1C	D	97318
FLOODLIGHT	FE4897			307P146	3	12000	36000	M	P	1L	1C	C	97318
FLOODLIGHT	FE4897			T144	1	12000	12000	M	P	1L	1C	D	97318
SCALES	FE4897			T144	6	618	3708	M	P	1L	1C	D	97318

Consumables

WCDO

********** C A V E A T ********

PREPARED 15 OCT 2000 WRM WAR CONSUMABLE DISTRIBUTION OBJECTIVE (WCDO) PCN SA200S025A

USAF WAR MOBILIZATION PLAN (WMP - A) PLANNING YEAR - 2000

BASE PREP CODES REPORT BY : * * * WORST CASE SCENARIO * * *

REPORTING COMMAND 1C-ACC * NON MUNITION ITEMS * CURRENT-YEAR REPORT

****************** ACCUMULATIVE TOTALS ******************

					TOTAL	OPLAN					TOTAL UNSUP
PRIME	ALT				OPLAN	STARTER	SWING	CAT-F	CAT-G	STARTER	
DODIC	DODIC	NSN	NOMENCLATURE	UI	REQ	DAYS QTY	QTY	QTY	QTY	ALOC QTY	QTY
250X	250X	6850014356471	FLUID DEICING & DEF	GL	225	2 225	0	0	0	0	0
SUB	250X1	6850012810338	DEICING-DEFROSTING	DR		0		5	0	5	
290X	290X	6830008089531	OXYGEN BREATHING LI	GL	30	2 30	0	30	0	30	0

LOG/SUB AREA-3A GEOLOC-AXXX BASE NAME-GREENE FIELD PENN PSUEDO BASE CODE-A999

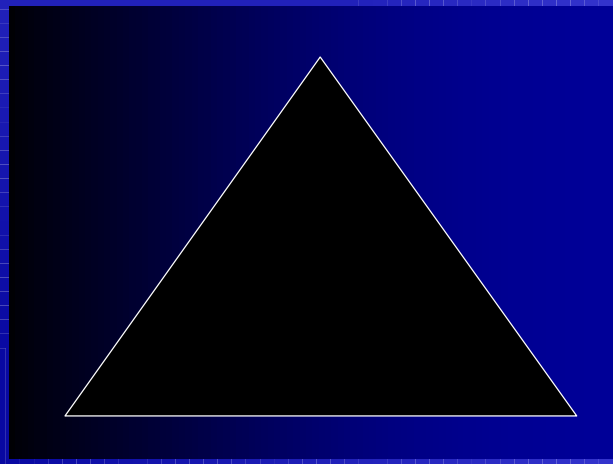
********** C A V E A T **********

Use of WRM

- Last Option
  - Not used because of a time crunch
- Evaluate/Authorize
  - Documented evaluations of potential non-WRM solutions
  - Mission impact of ***not*** releasing the WRM
  - Timelines to reconstitute the WRM and associated costs
  - Impact on execution of DPG approved scenarios if WRM use ***is*** approved
- WRMPM/WRMO Releasing Officials

Storage & Marking

- Storage Facilities
  - All Types
- Commingling Assets
  - Easily Identifiable
- Maintenance (Storing Organization)



- SORTS Reporting (BEAR Base Units)
  - (609 ASUS, Shaw AFB; 49 MMG, Holloman AFB; 607 ASUS, Osan AB; & 86 MMS Sanem, Luxembourg)

Summary

- WRM Guidance
- Definitions
- Planning Responsibilities
- WRM Source Documents
- WRM Authorization
- Categories of WRM
- Use of WRM
- Storage & Marking

Questions?